

Title (en)

Controlling link adaptation and packet scheduling in a radio system

Title (de)

Steuerung von Verbindungsanpassung und Paketablauffolge in einem Funksystem

Title (fr)

Contrôle d'adaptation de liens et d'ordonnancement des paquets dans un système radio

Publication

EP 1511247 A2 20050302 (EN)

Application

EP 04103989 A 20040820

Priority

FI 20031200 A 20030826

Abstract (en)

The invention relates to a method of controlling link adaptation and packet scheduling in an HSDPA (High Speed Downlink Packet Access) radio system and an HSDPA base station communicating over a control channel with one or more user equipment units, the base station (170) comprising means for receiving feedback information from the user equipment. The base station further comprises means (202, 204, 206) for: calculating a quality estimate related to the feedback information; and executing link adaptation and packet scheduling based on the calculated quality estimate.
<IMAGE>

IPC 1-7

H04L 12/56

IPC 8 full level

H04B 7/005 (2006.01); **H04L 12/56** (2006.01)

CPC (source: EP US)

H04L 1/0035 (2013.01 - EP US); **H04L 1/0073** (2013.01 - EP US); **H04L 1/08** (2013.01 - EP US); **H04L 1/1671** (2013.01 - EP US); **H04L 1/1867** (2013.01 - EP US); **H04W 52/286** (2013.01 - EP US); **H04W 72/542** (2023.01 - EP US); **H04L 1/0057** (2013.01 - EP US); **H04W 28/18** (2013.01 - EP US); **H04W 72/21** (2023.01 - EP US)

Cited by

EP2597836A4; EP1699187A1; AU2008229405B2; EP2613585A1; US7839821B2; US9191226B2; US8553526B2; WO2006106450A1; WO2008039962A3; US8902763B2; US9237469B2; WO2008115452A3; WO2006000634A1; KR101119992B1; TWI487423B

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1511247 A2 20050302; CN 1592482 A 20050309; FI 20031200 A0 20030826; US 2005047387 A1 20050303; US 7539207 B2 20090526

DOCDB simple family (application)

EP 04103989 A 20040820; CN 200410064438 A 20040826; FI 20031200 A 20030826; US 69083203 A 20031023